IAP20 Roc'd PCT/PTO 09 FEB 2006 PTO/SB/08A (08-03)

Complete if Known

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number,

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number Filing Date First Named Inventor

Masakazu HOSHINO et al

luca se many chaate se na raccarul Sheet

of

**Examiner Name** Attorney Docket Number 520.45909X00

U.S. PATENT DOCUMENTS										
Examiner Initials'	s' No. <sup>1</sup>		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant					
		Number-Kind Code <sup>2</sup> (if known)		· .	Figures Appear					
		US-								

Art Unit

		FOREIG	N PATENT DO	CUMENTS		
Examiner Initials'	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
		JP 01-159684	06/22/1989	Seiko Epson Corp.		Abs
		JP 03-126011	05/29/1991	Sanyo Electric Co. Ltd.		Abs
		JP 04-054778	02/21/1992	Sony Corp.		Abs
		JP 04-073733	03/09/1992	Sharp Corp.		Abs
		JP 04-291230	10/15/1992	Sharp Corp.		Abs
		JP 05-107519	04/30/1993	NEC Home Electron Ltd.		Abs
		JP 05-216016	08/27/1993	Sharp Corp.		Abs
		JP 05-232427	09/10/1993	Sanyo Electric Co. Ltd.		Abs
		JP 05-264947	10/15/1993	Fujitsu General Ltd.		Abs
		JP 06-110040	04/22/1994	Sanyo Electric Co. Ltd.		Abs
		JP 07-248480	09/26/1995	Furukawa Electric Co. Ltd: THE		Abs
		JP 08-211353	08/20/1996	Nippondenso Co. Ltd.		Abs
		JP 11-202411	07/30/1999	Matsushita Electric Ind.  Co. Ltd.		Abs
		JP 11-282361	10/15/1999	Mitsubishi Electric Corp.		Abs
		JP 2002-131737	05/09/2002	Sharp Corp.		Abs
		JP 2002-214596	07/31/2002	Seiko Epson Corp.		Abs
		JP 2003-075918	03/12/2003	Seiko Epson Corp.		Abs
	-	JP 2003-195135	07/09/2003	Seiko Epson Corp.		Abs
		JP 2004-012934	01/15/2004	Seiko Epson Corp.		Abs

Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional), 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.